

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-22 (Canceled).

23. (New) A device for force transmission by means of mechanical interaction, having

- a plurality of supports for receiving or disposing one or more springs, shock absorbers, or magnets;
- axles, on which the supports are rotatably disposed via bearing means;
- one or more backstops acting between individual supports of said plurality of supports and said axles, so that the individual supports are rotatable in only one direction of motion about an axis of rotation;
- springs, shock absorbers or magnets disposed on the supports, which are each oriented in the direction of motion of the support;
- each one of said plurality of supports being disposed on its own independent axle or are arranged as pulse transmitting elements formed of two adjacent supports disposed on a common axle with said two adjacent supports fixed against relative rotation and spaced apart from one another;
- said axles being disposed coaxially with respect to each other along a common axis of rotation; and
- said each one of said plurality of supports or pulse transmitting elements being

arranged adjacent to and at the same time spaced apart from one another along said common axis of rotation such that the springs, shock absorbers or magnets disposed on a first support or first transmitting element can cooperate with an adjacent second support or second transmitting element for transmitting pulses from said first support or said first transmitting element to said adjacent second support or second transmitting element, respectively.

24. (New) The device as recited in claim 23, wherein a plurality of pulse transmitting elements are provided, which are disposed coaxially and spaced apart from one another along a common axis of rotation such that the springs, shock absorbers or magnets of one element can cooperate at least with those of an adjacent pulse transmitting element.

25. (New) The device as recited in claim 23, an axle of a support rotatably disposed on a stationary frame, and the backstops are solidly joined to the frame, so that the support is rotatable in only one direction of rotation.

26. (New) The device as recited in claim 23, wherein the supports are selected from a group comprising rings or disks, and a plurality of such supports is disposed on a common axis of rotation and spaced apart from one another in the form of a stack or a row with one another, so that a starting pulse, transmitted from an external pulse transducer to the first support of the stack is transmitted to the last support of the stack.

27. (New) The device as recited in claim 23, wherein the supports are freely rotatably supported by a plurality of said bearing means resting outside on the periphery; and that on the inside of the ring a tothing is provided, with which a gear wheel, held by a freewheel bearing, meshes.

28. (New) The device as recited in claim 23, wherein the common axis of rotation of the supports corresponds to any one of a group comprising a straight line, a curved path, or a circular path.

29. (New) The device as recited in claim 23, wherein the supports for the springs are selected from a group comprising circular disks, rings, or split rings, and a plurality of such disks, rings, or split rings is disposed rotatably in only one direction of rotation in a common plane, spaced apart from one another by means of one or more corresponding bearings, so that a starting rotation pulse transmitted from an external pulse transducer to the first disk is transmitted onward as far as the last disk in the disk arrangement.

30. (New) The device as recited in claim 23, wherein one or more first gear wheels are disposed on one or more of the axles fixed against relative rotation; that spaced from the axis of rotation of the axles, at least one second axle, with second gear wheels disposed on it with backstops, is provided, which second gear wheels can be brought into engagement with the first gear wheels directly, or by means of a drive

chain, belt, or toothed belt.

31. (New) The device as recited in claim 23, further comprising blocking means for blocking or locking at least one support in a defined rotary position.

32. (New) The device as recited in claim 31, wherein said blocking means are formed by a locking bar, gear wheel, or clutch and can cooperate by positive engagement with at least one of said plurality of supports or said pulse transmitting elements.

33. (New) The device as recited in claim 32, wherein at least one of said supports or pulse transmitting elements, respectively, is equipped with at least one spring.

34. (New) The device as recited in claims 23, wherein said bearing means are ball bearings, freewheel bearings, slide bearings, air bearings, or combinations of freewheel bearings and ball bearings.

35. (New) The device as recited in claim 23, further comprising additional inertial parts, such as flywheels, disposed on the supports, backstops or axles, for increasing the pulse energy that is capable of being stored by the device.

36. (New) The device as recited in claim 23, wherein a mechanism is provided for adjusting the maximum compression and relief of the spring.

37. (New) The device as recited in claim 36, wherein the adjusting mechanism is a frame disposed on the spring, or a threaded pin with a nut for limiting the maximum compression and relief of the spring.

38. (New) The device as recited in claim 23, wherein the position and shape of the magnets on the individual supports is selected such that a residual tension which is always greater than zero is established between the magnets disposed on adjacent supports.

39. (New) The device as recited in claim 23, wherein the position and shape or nature of the springs or shock absorbers on the individual supports is selected such that a residual tension which is always greater than zero is established between the springs or shock absorbers disposed on the adjacent supports.

40. (New) The device as recited in claim 23, further comprising one or more first and second gear wheels with backstops disposed on one or more first and second axles, respectively; said one or more second axles being from the axis of rotation of said one or more first axles; wherein at least one second axle with at least one second gear wheel, being disposed thereon in a fixed manner against relative rotation, and wherein said at least one second gear wheel meshes with said at least one first gear

wheel directly, or by means of a drive chain, belt, toothed belt, or the like.

41. (New) The device as recited in claim 23, wherein a controller is provided, for attaining a variable dynamic pulse behavior, by providing that the energy of motion is carried to the outside from only every other or every third or every fourth element, and so forth.